

10/691425

## WEST Search History

DATE: Thursday, September 29, 2005

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		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; THES=ASSIGNEE; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L12	L10 and (improv\$3 weight gain or elevat\$3 milk product\$4)	10
<input type="checkbox"/>	L10	L9 and l8	294
<input type="checkbox"/>	L9	l6 and (sesame oil or aluminum monostearate or acetic acid or phosphoric acid or monobasic phosphate or histidine HCL)	61107
<input type="checkbox"/>	L8	l5 and (sesame oil or aluminum monostearate or acetic acid or phosphoric acid or monobasic phosphate or histidine HCL)	761
<input type="checkbox"/>	L7	L6 and l5	669
<input type="checkbox"/>	L6	ST	1047830
<input type="checkbox"/>	L5	somatotropin	2380

END OF SEARCH HISTORY

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=> s somatotropin  
L1 30862 SOMATOTROPIN

=> s ST  
L2 469286 ST

=> s l1 and l2  
L3 549 L1 AND L2

=> s l3 and (sesame oil or aluminum monostearate or acetic acid or phosphoric acid  
or monobasic phosphate or histidine HCL)  
L4 0 L3 AND (SESAME OIL OR ALUMINUM MONOSTEARATE OR ACETIC ACID OR  
PHOSPHORIC ACID OR MONOBASIC PHOSPHATE OR HISTIDINE HCL)

=> s l1 and (sesame oil or aluminum monostearate or acetic acid or phosphoric acid  
or monobasic phosphate or histidine HCL)  
L5 111 L1 AND (SESAME OIL OR ALUMINUM MONOSTEARATE OR ACETIC ACID OR  
PHOSPHORIC ACID OR MONOBASIC PHOSPHATE OR HISTIDINE HCL)

=> s l2 and (sesame oil or aluminum monostearate or acetic acid or phosphoric acid  
or monobasic phosphate or histidine HCL)  
L6 874 L2 AND (SESAME OIL OR ALUMINUM MONOSTEARATE OR ACETIC ACID OR  
PHOSPHORIC ACID OR MONOBASIC PHOSPHATE OR HISTIDINE HCL)

=> s l5 and l6  
L7 0 L5 AND L6

=> s l5 and (improv### weight gain or elevat### milk product####)  
L8 0 L5 AND (IMPROV### WEIGHT GAIN OR ELEVAT### MILK PRODUCT####)

=> s l6 and (improved weight gain or elevated milk production)  
L9 0 L6 AND (IMPROVED WEIGHT GAIN OR ELEVATED MILK PRODUCTION)

=> l5 and (weight gain or milk production)  
L5 IS NOT A RECOGNIZED COMMAND  
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=> s l5 and (weight gain or milk production)  
L10 12 L5 AND (WEIGHT GAIN OR MILK PRODUCTION)

=> s l6 and (weight gain or milk production)  
L11 7 L6 AND (WEIGHT GAIN OR MILK PRODUCTION)

=> d l10 1-12

L10 ANSWER 1 OF 12 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 2004:399004 CAPLUS  
DN 141:139662  
TI Partial replacement of corn grain by hydrogenated oil in grazing dairy  
cows in early lactation  
AU Salado, E. E.; Gagliostro, G. A.; Becu-Villalobos, D.; Lacau-Mengido, I.  
CS INTA EEA Balcarce, Argent.  
SO Journal of Dairy Science (2004), 87(5), 1265-1278  
CODEN: JDSCAE; ISSN: 0022-0302  
PB American Dairy Science Association  
DT Journal  
LA English  
RE.CNT 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD

## ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 2 OF 12 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 2003:980836 CAPLUS  
DN 140:31453  
TI Non-aqueous injectable formulation preparation with pH adjusted for  
extended release of **somatotropin**  
IN Heintz, Daniel N.; Jeng, Yunhua N.  
PA Monsanto Technology LLC, USA  
SO U.S., 16 pp.  
CODEN: USXXAM  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	US 6664234	B1	20031216	US 2001-894058	20010628
	US 2004087495	A1	20040506	US 2003-691425	20031022
PRAI	US 2000-215599P	P	20000630		
	US 2001-894058	A3	20010628		

RE.CNT 43 THERE ARE 43 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 3 OF 12 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 2003:121752 CAPLUS  
DN 138:331975  
TI Effects of exogenous bovine **somatotropin** on mammary function of  
late lactating crossbred Holstein cows  
AU Tanwattana, P.; Chanpongsang, S.; Chaiyabutr, N.  
CS Department of Physiology, Faculty of Veterinary Science, Chulalongkorn  
University, Bangkok, 10330, Thailand  
SO Asian-Australasian Journal of Animal Sciences (2003), 16(1), 88-95  
CODEN: AJASEL; ISSN: 1011-2367  
PB Asian-Australasian Journal of Animal Sciences  
DT Journal  
LA English  
RE.CNT 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 4 OF 12 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1999:807700 CAPLUS  
DN 132:151071  
TI The effects of bovine **somatotropin** on hair follicle activity and  
cashmere fiber growth in goats  
AU Villar, D.; McMillen, S. R.; Dicks, P.; Rhind, S. M.  
CS Macaulay Land Use Research Institute, Aberdeen, AB15 8QH, UK  
SO Australian Journal of Agricultural Research (1999), 50(8), 1365-1373  
CODEN: AJAEA9; ISSN: 0004-9409  
PB CSIRO Publishing  
DT Journal  
LA English  
RE.CNT 42 THERE ARE 42 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 5 OF 12 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1999:732961 CAPLUS  
DN 131:310064  
TI Nutrient formulation and process for feeding young poultry and other  
animals  
IN Ivey, Francis J.; Dibner, Julia J.; Knight, Christopher D.  
PA Novus International, Inc., USA  
SO U.S., 20 pp., Cont.-in-part of U.S. Ser. No. 597,815, abandoned.  
CODEN: USXXAM

DT Patent  
LA English  
FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5985336	A	19991116	US 1996-647719	19960524
	US 5928686	A	19990727	US 1995-483297	19950607
	CA 2222515	AA	19961219	CA 1996-2222515	19960604
	WO 9639862	A1	19961219	WO 1996-US9075	19960604
	W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI				
	RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML				
	AU 9661539	A1	19961230	AU 1996-61539	19960604
	AU 723485	B2	20000831		
	EP 831718	A1	19980401	EP 1996-919116	19960604
	R: BE, DE, DK, ES, FR, GB, IT, LU, NL, MC, PT, IE				
	CN 1191469	A	19980826	CN 1996-195727	19960604
	JP 11506617	T2	19990615	JP 1996-501482	19960604
	ZA 9604883	A	19970107	ZA 1996-4883	19960607
	US 5976580	A	19991102	US 1996-760881	19961206
	NO 9705691	A	19971205	NO 1997-5691	19971205
	US 6329001	B1	20011211	US 1999-333249	19990615
	US 6210718	B1	20010403	US 1999-334968	19990617
	US 2004052895	A1	20040318	US 2001-792998	20010226
	US 6733759	B2	20040511		
PRAI	US 1995-483297	A2	19950607		
	US 1996-597815	B2	19960207		
	US 1996-647719	A	19960524		
	WO 1996-US9075	W	19960604		
	US 1996-760881	A3	19961206		
	US 1999-334968	A3	19990617		

RE.CNT 24 THERE ARE 24 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 6 OF 12 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1999:363874 CAPLUS

DN 131:129328

TI Effects of bovine **somatotropin** and ruminally undegraded protein on feed intake, live **weight gain**, and mohair production by yearling Angora wethers

AU Davis, J. J.; Sahlu, T.; Puchala, R.; Herselman, M. J.; Hart, S. P.; Escobar, E. N.; Coleman, S. W.; McCann, Joseph P.; Goetsch, A. L.

CS Garza Institute for Goat Research, Langston University, Langston, OK, 73050, USA

SO Journal of Animal Science (Savoy, Illinois) (1999), 77(5), 1029-1036  
CODEN: JANSAG; ISSN: 0021-8812

PB American Society of Animal Science

DT Journal

LA English

RE.CNT 35 THERE ARE 35 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 7 OF 12 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1992:51883 CAPLUS

DN 116:51883

TI Relationship of early lactation and bovine **somatotropin** on nutrient uptake by cow mammary glands

AU Miller, P. S.; Reis, B. L.; Calvert, C. C.; DePeters, E. J.; Baldwin, R. L.

CS Dep. Anim. Sci., Univ. California, Davis, CA, 95616, USA

SO Journal of Dairy Science (1991), 74(11), 3800-6  
CODEN: JDSCAE; ISSN: 0022-0302  
DT Journal  
LA English

L10 ANSWER 8 OF 12 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1989:560205 CAPLUS  
DN 111:160205  
TI Sustained-release somatropin injection  
IN Ferguson, Thomas Harry; Harrison, Roger Garrick; Moore, David Lee  
PA Eli Lilly and Co., USA  
SO Eur. Pat. Appl., 8 pp.  
CODEN: EPXXDW  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 211691	A2	19870225	EP 1986-306454	19860820
	EP 211691	A3	19870603		
	R: AT, BE, CH, DE, FR, GB, IT, LI, NL, SE				
	ZA 8606218	A	19880330	ZA 1986-6218	19860818
	CA 1285874	A1	19910709	CA 1986-516146	19860818
	IL 79765	A1	19920216	IL 1986-79765	19860818
	SU 1683493	A3	19911007	SU 1986-4028010	19860819
	DK 8603962	A	19870224	DK 1986-3962	19860820
	CN 86105087	A	19870304	CN 1986-105087	19860820
	CN 1006197	B	19891227		
	AU 8661700	A1	19870226	AU 1986-61700	19860821
	AU 591516	B2	19891207		
	JP 62051624	A2	19870306	JP 1986-197004	19860821
	HU 41637	A2	19870528	HU 1986-3652	19860822
	HU 195425	B	19880530		
	US 4977140	A	19901211	US 1989-327861	19890323
PRAI	US 1985-768605	A	19850823		

L10 ANSWER 9 OF 12 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1989:471356 CAPLUS  
DN 111:71356  
TI Effect of exogenous bovine **somatotropin** on mammary lipid metabolism and milk yield in lactating dairy cows  
AU Lough, D. S.; Muller, L. D.; Kensinger, R. S.; Griel, L. C., Jr.; Azzara, C. D.  
CS Dep. Dairy Anim. Sci., Pennsylvania State Univ., University Park, PA, 16802, USA  
SO Journal of Dairy Science (1989), 72(6), 1469-76  
CODEN: JDSCAE; ISSN: 0022-0302  
DT Journal  
LA English

L10 ANSWER 10 OF 12 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1989:456331 CAPLUS  
DN 111:56331  
TI Formulations for the sustained release of injected bovine **somatotropin**  
IN Bramley, Mark Richard; Carter, Anthony Benjamin; Dunwell, David William  
PA Lilly Industries Ltd., UK  
SO Eur. Pat. Appl., 12 pp.  
CODEN: EPXXDW  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 314421	A1	19890503	EP 1988-309997	19881025	
R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE					
AU 8824313	A1	19890504	AU 1988-24313	19881025	
AU 618760	B2	19920109			
DK 8805973	A	19890501	DK 1988-5973	19881027	
CN 1032743	A	19890510	CN 1988-107461	19881027	
ZA 8808067	A	19900627	ZA 1988-8067	19881027	
JP 01149732	A2	19890612	JP 1988-272854	19881028	
HU 48467	A2	19890628	HU 1988-5635	19881028	
PRAI GB 1987-25427	A	19871030			

L10 ANSWER 11 OF 12 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1989:219089 CAPLUS

DN 110:219089

TI **Somatotropin**-transition metal complexes as animal growth stimulants and a method for their preparation

IN Janski, Alvin M.; Martin, Jerome L.; Atkinson, Paul R.

PA International Minerals and Chemical Corp., USA

SO Eur. Pat. Appl., 10 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

PI	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 277043	A2	19880803	EP 1988-300803	19880129	
EP 277043	A3	19890823			
R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE					
JP 63216898	A2	19880909	JP 1988-17480	19880129	
HU 46040	A2	19880928	HU 1988-407	19880129	
HU 203367	B	19910729			
DD 270466	A5	19890802	DD 1988-312552	19880129	
CN 88100645	A	19881019	CN 1988-100645	19880130	
PRAI US 1987-9291	A	19870130			

L10 ANSWER 12 OF 12 CAPLUS COPYRIGHT 2005 ACS on STN

AN 1986:412142 CAPLUS

DN 105:12142

TI Prolonged release of biologically active polypeptides

IN Mitchell, James William

PA Monsanto Co., USA

SO Eur. Pat. Appl., 46 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

PI	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 177478	A2	19860409	EP 1985-870135	19851003	
EP 177478	A3	19870401			
EP 177478	B1	19910417			
EP 177478	B2	19970305			
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE					
HU 38839	A2	19860728	HU 1985-3829	19851002	
ES 547489	A1	19861216	ES 1985-547489	19851002	
HU 196714	B	19890130	HU 1987-4931	19851002	
DK 8504495	A	19860405	DK 1985-4495	19851003	
NO 8503909	A	19860407	NO 1985-3909	19851003	
NO 173975	B	19931122			
NO 173975	C	19940302			
AU 8548237	A1	19860410	AU 1985-48237	19851003	
AU 573904	B2	19880623			

JP 61091130	A2	19860509	JP 1985-221112	19851003
JP 07045409	B4	19950517		
CN 85109638	A	19860730	CN 1985-109638	19851003
ZA 8507642	A	19860827	ZA 1985-7642	19851003
DD 244914	A5	19870422	DD 1985-281414	19851003
EP 343696	A2	19891129	EP 1989-113657	19851003
EP 343696	A3	19910320		
EP 343696	B1	19960103		
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
IL 76554	A1	19900429	IL 1985-76554	19851003
SU 1595330	A3	19900923	SU 1985-3963358	19851003
PL 152711	B1	19910131	PL 1985-255622	19851003
AT 62598	E	19910515	AT 1985-870135	19851003
CS 274717	B2	19911015	CS 1985-7118	19851003
CA 1309018	A1	19921020	CA 1985-490016	19851003
AT 132372	E	19960115	AT 1989-113657	19851003
CZ 284472	B6	19981216	CZ 1987-8156	19851003
AU 8814390	A1	19880929	AU 1988-14390	19880407
AU 601272	B2	19900906		
US 4985404	A	19910115	US 1988-212763	19880629
CN 1044761	A	19900822	CN 1989-106684	19890812
CN 1031038	B	19960221		
US 5013713	A	19910507	US 1989-414503	19890929
US 5086041	A	19920204	US 1990-567996	19900816
US 4985404	B1	19920421	US 1991-90002490	19911022
US 5474980	A	19951212	US 1992-900410	19920618
US 5411951	A	19950502	US 1992-979367	19921120
NO 9300531	A	19860407	NO 1993-531	19930215
NO 314387	B1	20030317		
US 5595971	A	19970121	US 1995-452928	19950530
US 5739108	A	19980414	US 1995-570304	19951211
PRAI US 1984-657713	A	19841004		
ES 1985-547489	A	19851002		
EP 1985-870135	P	19851003		
NO 1985-3909	A1	19851003		
US 1985-787873	B1	19851016		
US 1988-212763	A	19880629		
US 1989-414503	A3	19890929		
US 1990-568284	B3	19900816		
US 1992-900410	A3	19920618		

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